ABSTRACT

PYRROLIDINYL, PIPERIDINYL OR HOMOPIPERIDINYL SUBSTITUTED (BENZODIOXAN, BENZOFURAN OR BENZOPYRAN) DERIVATIVES

The present invention concerns compounds of formula (I)

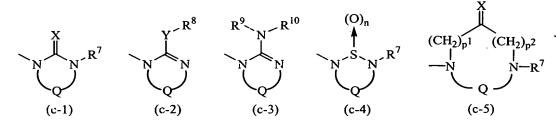
$$R^{2} \xrightarrow{\mathbb{I}^{1}} Z^{1} \xrightarrow{\mathbb{I}^{2}} Alk \xrightarrow{\mathbb{A}^{5}} \mathbb{R}^{5}$$
 (I),

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a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein $-Z^1-Z^2$ - is a bivalent radical; R^1 , R^2 and R^3 are each independently selected from hydrogen, C_{1-6} alkyl, hydroxy, halo and the like; or when R^1 and R^2 are on adjacent carbon atoms, R^1 and R^2 taken together may form a bivalent radical of formula; Alk is optionally substituted C_{1-6} alkanediyl; the bivalent radical A is a substituted piperidinyl, an optionally substituted pyrrolidinyl, homopiperidinyl, piperazinyl or tropyl; R^5 is a radical of formula



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wherein n is 1 or 2; p^1 is 0, and p^2 is 1 or 2; or p^1 is 1 or 2, and p^2 is 0; X is oxygen, sulfur or =NR⁹; Y is oxygen or sulfur; R⁷ is hydrogen, C₁₋₆alkyl, C₃₋₆cycloalkyl, phenyl or phenylmethyl; R⁸ is C₁₋₆alkyl, C₃₋₆cycloalkyl phenyl or phenylmethyl; R⁹ is cyano, C₁₋₆alkyl, C₃₋₆cyclo-alkyl, C₁₋₆alkyloxycarbonyl or aminocarbonyl; R¹⁰ is hydrogen or C₁₋₆alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.